

Title (en)
MEDICAMENT DELIVERY DEVICE

Title (de)
MIKAMENTENABGABEVORRICHTUNG

Title (fr)
DISPOSITIF D'ADMINISTRATION DE MEDICAMENTS

Publication
EP 0850076 B1 20050406 (EN)

Application
EP 96931955 A 19960830

Priority
• IE 9600059 W 19960830
• IE 950702 A 19950911
• US 367395 P 19950911

Abstract (en)
[origin: WO9710012A1] A medicament delivery device (10) has a reservoir within a housing (11) and means for driving medicament from the reservoir. The device is provided with a filling mechanism upon which a medicament container (19) sealed by a penetrable stopper (25) is mounted. The mechanism comprises an internal bore (20) which accommodates an internal rod (21) from which a needle (22) projects. Needle (22) is hollow and is in communication with the reservoir. In order to fill the reservoir, the container (19) is pressed into the bore (20), causing the needle (22) to pierce the stopper (25), the stopper abutting against the rod (21) and acting as a piston to drive medicament from the container (19) as the container (19) is pushed into the bore (20) and moves relative to the stopper (25). Thus, the reservoir can be filled with the sterile medicament which is stable when stored in the container (19), and the filling is easily accomplished without the use of a syringe. A further advantageous feature is provided by a delivery needle which is mounted on the periphery of the lower surface of the housing. This configuration allows the driving means to be located adjacent to the skin, thereby, providing a more stable temperature and more predictable operation of the device.

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IPC 8 full level
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CPC (source: EP KR)
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Cited by
CN102753212A; US9675752B2; US10987243B2; US9919097B2; US10420881B2; US10531977B2; US11786392B2; US11819443B2; WO2019120453A1; US11547595B2; US11612509B2; US11612512B2; US11737907B2

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